



14280 U.S.PTO

PATENT/Utility Application Transmittal
Attorney Docket No.: EMC-02-119CIP3
Express Mail Mailing Label No. EK900599093US

17548 U.S.P.T.O./809959

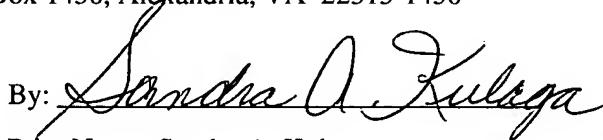


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):	Bradford B. Glade, et al	GROUP ART UNIT:	Not Yet Assigned
U.S.S.N.:	Not Yet Assigned	EXAMINER:	Not Yet Assigned
FILING DATE:	Not Yet Assigned	CUSTOMER NO.	24227
TITLE:	SYSTEM AND METHOD FOR MANAGING STORAGE NETWORKS AND FOR HANDLING ERRORS IN SUCH A NETWORK		

Certificate of Express Mailing Under 37 C.F.R. §1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service, using "Express Mail Post Office to Addressee" service of the U.S. Postal Service, with sufficient postage as Express Mail (Express Mail Label No. EK900599093US) in an envelope addressed to: Mail Stop: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

Date: March 26, 2004By: Print Name: Sandra A. Kulaga**UTILITY PATENT APPLICATION TRANSMITTAL**

Mail Stop: Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is a patent application entitled:

**SYSTEM AND METHOD FOR MANAGING STORAGE NETWORKS AND FOR
HANDLING ERRORS IN SUCH A NETWORK**

This application is a [] Continuation [] Divisional [X] Continuation-in-Part of prior application serial number 09/608,521, filed on June 30, 2000.

Named Inventor(s) / Inventor Address(es) / Inventor Citizenship(s):

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Citizenship:	Canada

Inventor's Name:	Lee W. VanTine
Residence:	7 Tower Hill Road, Oxford, MA 01540
Citizenship:	USA

Enclosed is/are:

- [X] Transmittal Letter (this form, 3 Pages, IN DUPLICATE) Total Pages 6;
- [X] Utility Patent Application Specification including Title of the Invention, Background of the Invention, Summary of the Invention, Brief Description of the Drawings, Detailed Description, 17 Claims (3 Independent, 14 dependent), Abstract of the Disclosure, Total Pages: 52;
- [X] Drawings: [X] Formal, []Informal (Figs: 1-26), Total Sheets: 18;
- [] Newly Executed Oath/Declaration/Power Of Attorney, Total Pages: ;
- [] Assignment Papers (Assignment Recordation Cover Sheet 1 page, Copy of Assignment Document pages), Total Pages: ;
- [X] Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i);
- [X] Return Receipt Postage Pre-paid Postcard;
- [X] Fee Transmittal for 2004 (in duplicate);
- [X] Authorization to charge deposit account, with fee amounts calculated as follows:

CLAIMS	Number Filed	Number Extra	Rate	Calculations
Total Claims	<u>17</u> - 20 =	<u>0</u>	x \$18	
Independent Claims	<u>3</u> - 3 =	<u>0</u>	x \$86	
Multiple Independent Claims			+ 290 =	
			BASIC FILING FEE =	770.00
			Total of Above Calculations =	770.00
			Assignment Recordation Fee =	
			TOTAL FEE FOR THIS PATENT APPLICATION =	<u>\$ 770.00</u>

Please direct all telephone calls and address all correspondence to:

Robert Kevin Perkins, Esq. (Reg. No. 36,634)
EMC Corporation
Office of the General Counsel
176 South Street
Hopkinton, MA 01748
United States of America
Telephone: (508) 293-6985
Facsimile: (508) 293-7189

Please charge any fees associated with this transaction to Deposit Account No. 05-0889.

If the enclosed papers or fees are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 293-6985, in Hopkinton, Massachusetts.

CUSTOMER NO. 24227

Respectfully submitted,

Dated: March 26, 2004

By: Robert Kevin Perkins
Robert Kevin Perkins, Esq. (Reg. No. 36,634)
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FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 770.00)

Complete if Known

Application Number	Not Yet Assigned
Filing Date	Not Yet Assigned
First Named Inventor	Bradford B. Glade, et al
Examiner Name	Not Yet Assigned
Art Unit	Not Yet Assigned
Attorney Docket No.	EMC-02-119CIP3

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number	05-0889
Deposit Account Name	EMC Corporation

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	770.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$ 770.00)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
17	-20** = 0		X		= 0.00
3	-3** = 0		X		= 0.00
					= 0.00

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 0.00)

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description
1051 130	2051 65	Surcharge - late filing fee or oath		
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet		
1053 130	1053 130	Non-English specification		
1812 2,520	1812 2,520	For filing a request for ex parte reexamination		
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action		
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action		
1251 110	2251 55	Extension for reply within first month		
1252 420	2252 210	Extension for reply within second month		
1253 950	2253 475	Extension for reply within third month		
1254 1,480	2254 740	Extension for reply within fourth month		
1255 2,010	2255 1,005	Extension for reply within fifth month		
1401 330	2401 165	Notice of Appeal		
1402 330	2402 165	Filing a brief in support of an appeal		
1403 290	2403 145	Request for oral hearing		
1451 1,510	1451 1,510	Petition to institute a public use proceeding		
1452 110	2452 55	Petition to revive - unavoidable		
1453 1,330	2453 665	Petition to revive - unintentional		
1501 1,330	2501 665	Utility issue fee (or reissue)		
1502 480	2502 240	Design issue fee		
1503 640	2503 320	Plant issue fee		
1460 130	1460 130	Petitions to the Commissioner		
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)		
1806 180	1806 180	Submission of Information Disclosure Stmt		
8021 40	8021 40	Recording each patent assignment per property (times number of properties)		
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))		
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))		
1801 770	2801 385	Request for Continued Examination (RCE)		
1802 900	1802 900	Request for expedited examination of a design application		

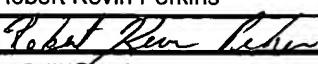
Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Robert Kevin Perkins	Registration No. (Attorney/Agent)	36,634	Telephone	508-293-6985
Signature		Date	March 25, 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(20(B)(i))	First Named Inventor	Bradford B. Glade, et al
	Title	System and Method For Managing Storage Networks and for Handling ...
	Attorney Docket Number	EMC-02-119CIP1

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

March 26, 2004

Date

Signature

(508) 293-6985

Telephone Number

Robert Kevin Perkins

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.